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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/807,151	03/24/2004	Isamu Adachi	NIT-419	6456

24956   7590   11/23/2007
MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.
1800 DIAGONAL ROAD
SUITE 370
ALEXANDRIA, VA 22314

EXAMINER
SHIU, HO T

ART UNIT	PAPER NUMBER
4152	

MAIL DATE	DELIVERY MODE
11/23/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

PTOL-90A (Rev. 04/07)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _24 March 2004_.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-12_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-12_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on _24 March 2004_ is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _24 March 2004_.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

DETAILED ACTION

1.   Claims 1-12 are pending in this application.

Claim Rejections - 35 USC § 101

2.   35 U.S.C. 101 reads as follows:

> Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

3.   Claims 11 and 12 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter.

4.   With respect to claim 11, "a service processing program" is being recited. A computer program is not one of the statutory subject matter. See MPEP § 2106.01

5.   With respect to claim 12, "a service processing program" is being recited. A computer program is not one of the statutory subject matter. See MPEP § 2106.01

Claim Rejections - 35 USC § 112

6.   The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

7.   Claims 4 and 5 are rejected under 35 U.S.C. 112, second paragraph, as being

indefinite for failing to particularly point out and distinctly claim the subject matter which

applicant regards as the invention.

8.   Regarding claim 4, the word "maximum" as related to the degree of detail does

not define the degree of detail and renders the claim indefinite. For examination

purposes maximum degree of details of return information is interpreted as notification

of completeness.

9.   Regarding claim 5, the phrase "debug" as related to the degree of detail does not

define the degree of detail and renders the claim indefinite. For examination purposes

the word "debug" is interpreted as error.

Claim Rejections - 35 USC § 102

10.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

11.   **Claims 1-12 are rejected under 35 U.S.C. 102(b) as being anticipated by**

Shastri (Pub # US 2002/0065918 A1, hereinafter Shastri).

12.   With respect to claim 1, Shastri discloses a service processing method used in a

computer system comprising a plurality of computers ([0012], lines 7-8, [0013], lines 4-

10), each of which receives a message ([0013], lines 8-10), executes a Web service on

the basis of the message ([0013], lines 1-4, [0017], lines 1-4), and then outputs a

message generated from the result of the execution ([0045], lines 10-11), said computer

system realizing a Web service ([0013], lines 1-4, [0017], lines 1-4) by transmitting and

receiving the message among the computers ([0045], lines 1-5), said method

comprising the steps of:

receiving a message including first information about the service execution ([0045], lines

1-5), and second information about notification of progress information in the service

([0045], lines 7-10);

executing said service according to the first information ([0057], lines 1-4); and

analyzing the second information, and after that, on the basis of the execution result of

the service, generating a message according to the second information, and then

transmitting the message to the computer that is identified by a destination of progress

information notification included in the second information ([0054], lines 1-9).

13.   With respect to claim 2, Shastri discloses a hierarchical level included in the

second information is higher than that of a source of the second information, a message

in which predetermined third information about notification of progress information in the

service is added to the second information is generated and is then output ([0057], lines

2-12).

14.   With respect to claim 3, Shastri discloses a message including progress

information which is identified by a degree of details of return information included in the

second information is generated, and the message is then transmitted to the computer

that is identified by he destination of progress information notification included in the

second information ([0015], lines 1-8).

15.   With respect to claim 4, Shastri discloses if the degree of details of return

information included in the second information is maximum, a message including all

progress information is generated, and the message is then transmitted to the computer

that is identified by the destination of progress information notification included in the

second information ([0015], lines 1-8, [0016], lines 1-6).

16.   With respect to claim 5, Shastri discloses if the degree of details of return

information included in the second information is debug, a message including

predetermined detailed progress information required for a test is generated, and the

message is then transmitted to the computer that is identified by the destination of

progress information notification included in the second information ([0023], lines 1-6).

17.   With respect to claim 6, Shastri discloses a service processing method used in a

computer system comprising a plurality of computers ([0012], lines 7-8, [0013], lines 4-

10), each of which receives a message ([0013], lines 8-10), executes a Web service on

the basis of the message ([0013], lines 1-4, [0017], lines 1-4), and then outputs a message generated from the result of the execution ([0045], lines 10-11), said computer system realizing a Web service ([0013], lines 1-4, [0017], lines 1-4) by transmitting and receiving the message among the computers ([0045], lines 1-5), said method comprising the steps of:

receiving a message including first information about the service execution ([0045], lines 1-5), and second information about notification of progress information in the service ([0045], lines 7-10);

executing said service according to the first information ([0057], lines 1-4); and

analyzing the second information, and after that, on the basis of the execution result of the service, generating a message according to the second information, and then transmitting the message to the computer that is identified by a destination of progress information notification included in the second information ([0054], lines 1-9).

18.   With respect to claim 7, Shastri discloses a means for generating and then outputting a message in which predetermined third information about notification of progress information in the service is added to the second information if a hierarchical level included in the second information is higher than that of a source of the second information ([0057], lines 2-12, [0059], lines 1-6).

19.   With respect to claim 8, Shastri discloses means for generating a message including progress information that is identified by a degree of details of return

information included in the second information, and then for transmitting the message to

the computer that is identified by the destination of progress information notification

included in the second information ([0015], lines, 1-8).

20.   With respect to claim 9, Shastri discloses if the decree of details of return

information included in the second information is maximum, a message including all

progress information is generated, and the message is then transmitted to the computer

that is identified by the destination of progress information notification included in the

second information ([0015], lines 1-8), [0016], lines 1-6).

21.   With respect to claim 10, Shastri discloses means for generating a message

including predetermined detailed progress information required for a test, and then

transmitting the message to the computer that is identified by the destination of

progress information notification included in the second information if the degree of

details of return information included in the second information is debug ([0023], lines 1-

6).

22.   With respect to claim 11, Shastri discloses a service processing program used in

a computer system comprising a plurality of computers ([0012], lines 7-8, [0013], lines

4-10), each of which receives a message ([0013], lines 8-10), executes a Web service

on the basis of the message ([0013], lines 1-4, [0017], lines 1-4), and then outputs a

message generated from the result of the execution ([0045], lines 10-11), said computer

system realizing a Web service ([0013], lines 1-4, [0017], lines 1-4) by transmitting and

receiving the message among the computers ([0045], lines 1-5), said method

comprising the steps of:

receiving a message including first information about the service execution ([0045], lines

1-5), and second information about notification of progress information in the service

([0045], lines 7-10);

executing said service according to the first information ([0057], lines 1-4); and

analyzing the second information, and after that, on the basis of the execution result of

the service, generating a message according to the second information, and then

transmitting the message to the computer that is identified by a destination of progress

information notification included in the second information ([0054], lines 1-9).

23.   With respect to claim 12, Shastri discloses a hierarchical level included in the

second information is higher than that of a source of the second information, a message

in which predetermined third information about notification of progress information in the

service is added to the second information is generated and is then output ([0057], lines

2-12).

Conclusion

24.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Ho Ting Shiu whose telephone number is 571-270-

3810. The examiner can normally be reached on Mon-Thur (7:30am - 6:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nabil El-Hady can be reached on 571-272-3963. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

HTS
11/15/2007

NABIL M. EL-HADY
SUPERVISORY PATENT EXAMINER